

dreamio™

EPSON



Home Projector
EMP-TW500

Executive Visualife





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Combining opulent function and high technology, EPSON designed the EMP-TW500, its flagship home projector, for those who demand unsurpassed imaging and deep, rich colors. The distinguished reputation of EPSON's 3 wide liquid-crystal panel system has been well-earned through its impressive functionality and superior images. Isn't it time that you enjoyed the luxury of EPSON's highest quality images from the comfort of your own home? It's Showtime!

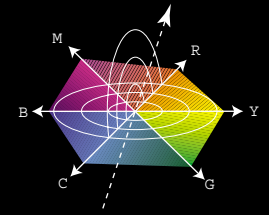
Quality movies with an attractive style

The EMP-TW500 is a remarkable projector that uses three wide liquid-crystal panels (1280x720 pixels) together with the ColorReality II image-processor to duplicate high-definition images in clear, rich, beautiful color.



Color correction along 6 separate axes

With EPSON's original algorithm, the EMP-TW500 is uniquely equipped to adjust hue and chroma independently along 6 separate axes of light and color - Red, Green, Blue, Cyan, Magenta and Yellow.



EPSON Cinema Color Editor

The EMP-TW500 can be connected via a USB Cable, network connection or serial cable to a personal computer, allowing for the adjustment of image-quality settings using EPSON's Cinema Color Editor software.

With the EMP-TW500's memory capability, up to 18 different settings can be saved on the projector and sent to a PC for adjustment and storage. Likewise, settings saved on a PC for a particular movie can be uploaded to the projector's memory for use in your home theatre.



6 Color Modes and an extensive range of brightness control

Through 6 selectable projection modes - Dynamic, Living Room, Natural, Theatre, sRGB and Theatre Black - the EMP-TW500 projects the highest quality images for your viewing environment. Using lamp power, the Cinema Filter and an iris, brightness can be controlled and adjusted through a range of 350 and 1000 lumens so smoothly the viewer is unaware of any changes in the image.

Multiple Control Software

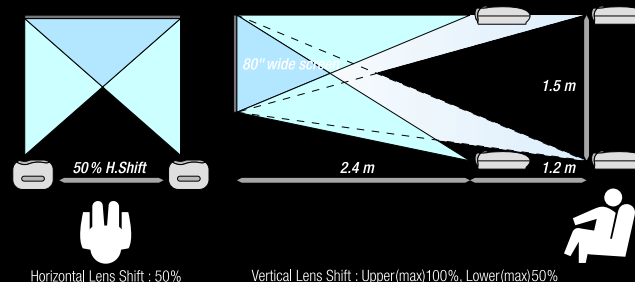
The highly acclaimed EMP Monitor and EMP Network Manager make it possible to fine-tune the image-quality from anywhere in the room.

Power Zoom / Power Focus

Zoom and focus adjustments are made simple with the ergonomic remote control.

1.5x Wide-angle zoom lens with wide-range vertical and horizontal lens shift

The exquisite EMP-TW500 makes itself at home in a wide range of locations around the room without sacrificing image-quality or altering screen dimensions using the highly versatile lens shift feature. Equipped with a 1.5x wide-angle zoom lens, the EMP-TW500 allows a richly detailed, 80-inch image to be enjoyed from as little as 2.4m from the viewing surface.



Ergonomic remote control

The EMP-TW500's ergonomically designed remote control was designed for comfort and ease of use. The use of all functions including power zoom and focus are made effortlessly from the comfort of your favourite chair.



EPSON's Realization of Functional, High-Quality Pictures

Motion adaptive I/P conversion: Faroudja DCDi



The built-in motion adaptive Faroudja chip converts Interlaced images to Progressive format, reducing jaggies along the diagonal edges within the image. DCDi helps to smooth annoying image distortions making your movie watching experience as enjoyable as possible.

10-bit color processing

Devices such as the 10-bit A/D Converter, 10-bit Chromatic Decoder and 10-bit Drive LCD all aid in the projection of rich color and smooth gradation, helping to bring images to life.

Dynamic black and white level enhancer

The delicate balance between the tones of black and white are represented accurately through the enhancement of black and white levels in the screen image.

Home Projector EMP-TW500

Specification

Model	EMP-TW500	
Part Number	V11H139052	
Projection System	EPSON Original 3-LCD Prism Technology	
LCD	Panel Size	0.7" wide (x3)
	Pixel Number	1280 x 720 x 3
	Native Resolution	720p
Aspect Ratio	16:9	
Brightness (Typical)	1000 ANSI Lumens (Dynamic/Living Room Mode)	
Contrast Ratio	1200:1	
Screen Size (Projected Distance)	30" to 300" diagonal (0.87 to 13.65m)	
Projection Lens	Type	Powered: Zoom/Focus
	F-number	2.1-4.3
	Focal Length	21.4-31.7mm
	Zoom Ratio	1:1.5
Lens Shift	Horizontal	50% Left / Right
	Vertical	100% Upwards / 50% Downwards
Lamp	Type	UHE 200W
	Life (Typical)	3000 Hours (Natural/sRGB/Theatre Mode)
Keystone Correction	Vertical: +/- 15°	
Effective Scanning Frequency Range	Pixel Clock	13.5 to 81 MHz
	Horizontal	15 to 60 KHz
Analog RGB Input	Vertical	50 to 85 Hz
	Input Terminal	Mini D-sub 15pin x 1
Video Input	Supported Resolution	VGA, SVGA, XGA
	Input Terminal	HDMI x 1, 3-RCA x 2 / D4-Video x 1 (Component), RCA x 1(Composite), Mini DIN x 1 (S-Video)
	Input Signal	NTSC, NTSC4.43, PAL, M-PAL, N-PAL, PAL60, SECAM SDTV / HDTV: 480i (525i), 480p (525p), 720p(750p), 1080i (1125i)
Control I/O	RS-232C	Mini D-sub 9pin x 1
	USB	USB Type B x 1
	Network	RJ45 x 1
	Trigger Out	Stereo Mini Jack x 1
Operating Temperature	5°C to 35°C (41°F to 95°F)	
Power Supply Voltage	100-240V +/- 10%, 50/60Hz AC	
Maximum Dimension	450(W) x 345(D) x 146mm(H)	
Weight	6.2 kg / 13.8 lbs	
Fan Noise	27 dB (Natural/sRGB/Theatre Mode)	
Accessories	Power cord, remote control (battery included), USB cable, cable cover EPSON Cinema Color Editor CD-ROM, user's manual, quick reference guide	

Projection Distance

Diagonal Screen Size(inches)	Wide(cm)	Tele(cm)
30	87	133
40	118	179
60	179	270
80	240	361
100	301	452
150	453	681
200	606	909
300	911	1365

Options & Accessories

ELPLP28 Replacement Lamp Part No.: V13H010L28
ELPAF04 Air Filter Set Part No.: V13H134A04
ELPSC14 80" HD Format Tripod Screen Part No.: V12H002S14

Connector Panel



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